**=> IFW: Scan as Doc Code: SRNT <=**
**Doc Date:**

## TC 3700 Inventor Search Program

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

## Serial Number: 10754499

**1.) See attached printout of inventors listed in PALM**

**2.) See attached EAST Inventor Search**
**Printout shows Inventor search terms**

PALM INTRANET

Day : Wednesday
Date: 6/21/2006
Time: 15:47:57

# Inventor Information for 10/754499

| Inventor Name | City | State/Country |
|---|---|---|
| FREUND, BERNHARD | GAU-ALGESHEIM | GERMANY |
| HOCHRAINER, DIETER | BENGEN AM RHEIN | GERMANY |
| KLADDERS, HEINRICH | MUELHEIM | GERMANY |
| ZIERENBERG, BERND | BINGEN AM RHEIN | GERMANY |
| EICHER, JOACHIM | DORTMUND | GERMANY |
| GESER, JOHANNES | DORTMUND | GERMANY |
| ESSING, MARTIN | DORTMUND | GERMANY |
| REINECKE, HOLGER | DORTMUND | GERMANY |

Appln Info | Contents | Petition Info | Atty/Agent Info | Continuity Data | Foreign Data | Inventors

**Search Another: Application#** Search **or Patent#** Search

**PCT / /** Search **or PG PUBS #** Search

**Attorney Docket #** Search

**Bar Code #** Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

| | | | | | |
|---|---|---|---|---|---|
| US 20060127322 A1 | 20060615 | Stable pharmaceutical Budesonide preparation for producing propellant-free aerosols | 424/45 | | Freund; Bernhard et al. |
| US 20060032494 A1 | 20060216 | Microstructured filter | 128/200.18 | | Kadel; Klaus et al. |
| US 20060016449 A1 | 20060126 | Cartridge for a liquid | 128/200.14 | | Eicher; Joachim et al. |
| US 20050269424 A1 | 20051208 | Locking-tensioning mechanism for a miniaturised high pressuriser | 239/321 | | Wuttke, Gilbert et al. |
| US 20050263151 A1 | 20051201 | Powder inhaler having a nozzle with a plurality of channels | 128/200.23 | | Hochrainer, Dieter et al. |
| US 20050252990 A1 | 20051117 | Device for producing high pressure in a fluid in miniature | 239/333 | 239/321; 239/337; 239/349; 239/533.15; 239/583 | Jaeger, Joachim et al. |
| US 20050241635 A1 | 20051103 | Two-chamber cartridge for propellant-free metering aerosols | 128/200.22 | | Hochrainer, Dieter |
| US 20050241634 A1 | 20051103 | Two-chamber cartridge for propellant-free metering aerosols | 128/200.14 | | Hochrainer, Dieter |
| US 20050211364 A1 | 20050929 | Method and apparatus for sealing medicinal capsules | 156/69 | 156/497; 156/502; 206/530 | Hochrainer, Dieter et al. |
| US 20050159441 A1 | 20050721 | Closure-cap and container as a two-chamber cartridge for nebulisers for producing aerosols and | 514/291 | 128/200.23 | Hochrainer, Dieter et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | active substance formulations, suitable for storage | | | |
| US 20050084457 A1 | 20050421 | Capsules containing inhalable tiotropium | 424/46 | 514/291 | Hochrainer, Dieter et al. |
| US 20050077392 A1 | 20050414 | System comprising a nozzle and a fixing means therefor | 239/398 | 239/418; 239/433 | Geser, Johannes et al. |
| US 20050064169 A1 | 20050324 | Process and device for wetting wood fibers with a binding fluid | 428/297.4 | 156/512; 156/538; 156/62.2; 264/121 | Schiegl, Walter et al. |
| US 20050001076 A1 | 20050106 | Microstructured high pressure nozzle with built-in filter function | 239/590 | 239/590.5 | Eicher, Joachim et al. |
| US 20040187868 A1 | 20040930 | Dry powder inhaler | 128/203.15 | 128/203.19 | Hochrainer, Dieter et al. |
| US 20040182867 A1 | 20040923 | Pressure compensation device for a two-part container | 220/495.06 | | Hochrainer, Dieter et al. |
| US 20040178227 A1 | 20040916 | Device for producing high pressure in a fluid in miniature | 222/402.1 | | Jaeger, Joachim et al. |
| US 20040173211 A1 | 20040909 | Powder inhaler | 128/203.15 | 128/203.12; 128/203.21 | Kladders, Heinrich et al. |
| US 20040164186 A1 | 20040826 | Nozzle-system for a dispenser for fluids consisting of a nozzle and a nozzle-holder and/or screw cap | 239/543 | | Kladders, Heinrich et al. |
| US 20040164099 A1 | 20040826 | Nebulizer for applying liquids on the surface of the eye or the ocular connective | 222/190 | 222/321.7 | Diestelhorst, Michael et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | tissue | | | |
| US 20040159322 A1 | 20040819 | Capsule for taking an active substance which can be inhaled | 128/203.15 | 128/203.21 | Kladders, Heinrich et al. |
| US 20040159319 A1 | 20040819 | Microstructured filter | 128/200.18 | | Kadel, Klaus et al. |
| US 20040149283 A1 | 20040805 | Powder inhaler comprising a chamber for a capsule for taking up a non-returnable capsule being filled with an active ingredient | 128/203.15 | 128/203.21 | Hochrainer, Dieter |
| US 20040143235 A1 | 20040722 | Container for a medicinal liquid | 604/408 | | Freund, Bernhard et al. |
| US 20040131668 A1 | 20040708 | Two-part capsule to accept pharmaceutical preparations for powder inhalers | 424/451 | | Hochrainer, Dieter et al. |
| US 20040045548 A1 | 20040311 | Two-chamber cartridge for propellant-free metering aerosols | 128/200.14 | 128/203.21 | Hochrainer, Dieter |
| US 20040015126 A1 | 20040122 | Needle-less injector of miniature type | 604/72 | | Zierenberg, Bernd et al. |
| US 20040010239 A1 | 20040115 | Atomizer for applying liquids onto eyes | 604/289 | | Hochrainer, Dieter et al. |
| US 20030226907 A1 | 20031211 | System comprising a nozzle and a fixing means therefor | 239/398 | | Geser, Johannes et al. |
| US 20030215396 A1 | 20031120 | Method for the production of propellant gas-free aerosols from aqueous medicament | 424/44 | 514/291; 514/650 | Freund, Bernhard et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | preparations | | | |
| US 20030209238 A1 | 20031113 | Atomizer for manual actuation | 128/200.14 | 128/200.22 | Peters, Ralf-Peter et al. |
| US 20030165435 A1 | 20030904 | Stable pharmaceutical budesonide preparation for producing propellant-free aerosols | 424/45 | | Freund, Bernhard et al. |
| US 20030080210 A1 | 20030501 | Device for producing high pressure in a fluid in miniature | 239/333 | | Jaeger, Joachim et al. |
| US 20030078551 A1 | 20030424 | Atomizer for applying liquids onto eyes | 604/295 | | Hochrainer, Dieter et al. |
| US 20030075623 A1 | 20030424 | Atomising nozzel and filter and spray generating device | 239/596 | | Bartels, Frank et al. |
| US 20030070679 A1 | 20030417 | Capsules containing inhalable tiotropium | 128/203.15 | 604/58 | Hochrainer, Dieter et al. |
| US 20030066524 A1 | 20030410 | Closure-cap and container as a two-chamber cartridge for nebulisers for producing aerosols and active substance formulations, suitable for storage | 128/200.14 | | Hochrainer, Dieter et al. |
| US 20030054566 A1 | 20030320 | Process for determining the particle size distribution of an aerosol and apparatus for carrying out such a process | 436/181 | 422/82.05; 422/82.09; 422/83; 436/164 | Hochrainer, Dieter et al. |
| US | 20030306 | Locking-stressing | 239/569 | | Wuttke, |

| | | | | | |
|---|---|---|---|---|---|
| 20030042336 A1 | | mechanism for a miniaturised high pressuriser | | | Gilbert et al. |
| US 20030029558 A1 | 20030213 | Method and apparatus for sealing medicinal capsules | 156/272.8 | | Hochrainer, Dieter et al. |
| US 20030007037 A1 | 20030109 | Inkjet printhead | 347/68 | | Bruil, Anton et al. |
| US 20020141944 A1 | 20021003 | Stable pharmaceutical budersonide preparation for producing propellant-free aerosols | 424/45 | | Freund, Bernhard et al. |
| US 20020130195 A1 | 20020919 | Device for producing high pressure in a fluid in miniature | 239/333 | | Jaeger, Joachim et al. |
| US 20020116985 A1 | 20020829 | Process and apparatus for testing multi-layer composites and containers produced therefrom | 73/40 | | Henning, Carsten et al. |
| US 20020058908 A1 | 20020516 | Needle-less injector of miniature type | 604/72 | | Zierenberg, Bernd et al. |
| US 20020007155 A1 | 20020117 | Container for a medicinal liquid | 604/232 | 604/408 | Freund, Bernhard et al. |
| US 20010035421 A1 | 20011101 | Ventilation device for a fuel tank | 220/746 | 220/562 | Essing, Martin |
| US 20010032643 A1 | 20011025 | Closure-cap and container as a two-chamber cartridge for nebulisers for producing aerosols and active substance formulations, | 128/200.21 | 604/415 | Hochrainer, Dieter et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | suitable for storage | | | |
| US 20010009151 A1 | 20010726 | Two-chamber cartridge for propellant-free metering aerosols | 128/200.14 | | Hochrainer, Dieter |
| US 20010008637 A1 | 20010719 | Two-part capsule to accept pharmaceutical preparations for powder inhalers | 424/451 | | Hochrainer, Dieter et al. |
| US 20010008632 A1 | 20010719 | AQUEOUS MEDICAMENT PREPARATIONS FOR THE PRODUCTION OF PROPELLENT GAS-FREE AEROSOLS | 424/400 | | FREUND, BERNHARD et al. |
| US 7040311 B2 | 20060509 | Closure-cap and container as a two-chamber cartridge for nebulizers for producing aerosols and active substance formulations, suitable for storage | 128/200.14 | 206/219; 222/94; 366/130; 604/86; 604/87; 604/89 | Hochrainer; Dieter et al.□ |
| US 6988496 B1 | 20060124 | Cartridge for a liquid | 128/200.14 | 128/200.11; 222/81; 239/271; 239/272 | Eicher; Joachim et al. |
| US 6986346 B2 | 20060117 | Closure-cap and container as a two-chamber cartridge for nebulisers for producing aerosols and active substance formulations, suitable for storage | 128/200.19 | 206/219; 222/94; 366/130; 604/86; 604/87; 604/89 | Hochrainer; Dieter et al.□ |

| | | | | | |
|---|---|---|---|---|---|
| US 6977042 B2 | 20051220 | Microstructured filter | 210/321.86 | 128/200.14; 210/493.1; 210/500.26; 216/56 | Kadel; Klaus et al. |
| US 6949154 B2 | 20050927 | Method and apparatus for sealing medicinal capsules | 156/69 | 156/272.8; 156/309.6; 53/477; 53/560; 53/900 | Hochrainer; Dieter et al. |
| US 6945472 B2 | 20050920 | Locking-stressing mechanism for a miniaturised high pressuriser | 239/321 | 239/324; 239/589; 604/135; 604/68 | Wuttke; Gilbert et al. |
| US 6932789 B2 | 20050823 | Needle-less injector of miniature type | 604/68 | 604/72 | Zierenberg; Bernd et al. |
| US 6918547 B2 | 20050719 | Device for producing high pressure in a fluid in miniature | 239/333 | 137/533.17; 137/533.23; 222/383.1; 222/385; 222/401; 222/402.1; 239/321; 239/337; 239/349; 239/533.15; 239/571; 239/583 | Jaeger; Joachim et al. |
| US 6846413 B1 | 20050125 | Microstructured filter | 210/321.86 | 128/200.14; 210/493.1; 210/500.26; 216/56 | Kadel; Klaus et al. |
| US 6783022 B2 | 20040831 | Ventilation device for a fuel tank | 220/562 | 220/746; 220/913 | Essing; Martin |
| US 6726124 B2 | 20040427 | Device for producing high pressure in a fluid in miniature | 239/333 | 137/533.17; 137/533.23; 222/383.1; 222/385; 222/401; 239/349; 239/533.15; 239/571; 239/583 | Jaeger; Joachim et al. |
| US 6689092 B2 | 20040210 | Needle-less injector of miniature type | 604/68 | 604/72 | Zierenberg; Bernd et al. |

| | | | | | |
|---|---|---|---|---|---|
| US 6685691 B1 | 20040203 | Container for a medicinal liquid | 604/403 | 222/105; 222/95; 604/408; 604/415 | Freund; Bernhard et al. |
| US 6660151 B1 | 20031209 | Microstructure elements and process for the production thereof | 205/50 | 205/67; 264/219 | Lessmollmann; Christoph et al. |
| US 6583627 B2 | 20030624 | Process and apparatus for testing multi-layer composites and containers produced therefrom | 324/464 | 324/459; 324/514 | Henning; Carsten et al. |
| US 6517196 B1 | 20030211 | Inkjet printhead | 347/70 | | Bruil; Anton et al. |
| US 6503362 B1 | 20030107 | Atomizing nozzle an filter and spray generating device | 156/345.17 | 118/715; 128/200.21; 128/200.22; 128/200.23 | Bartels; Frank et al. |
| US 6497373 B2 | 20021224 | Device for producing high pressure in a fluid in miniature | 239/333 | 137/533; 137/533.23; 222/383.1; 222/385; 222/401; 239/349; 239/533.15; 239/571; 239/583 | Jaeger; Joachim et al. |
| US 6491897 B1 | 20021210 | Stable pharmaceutical budesonide preparation for producing propellant-free aerosols | 424/45 | 424/46 | Freund; Bernhard et al. |
| US 6481435 B2 | 20021119 | Closure-cap and container as a two-chamber cartridge for nebulizers for producing aerosols and active substance formulations, | 128/200.14 | 206/219; 366/130; 604/415; 604/416; 604/86; 604/87; 604/88; 604/89; 604/92 | Hochrainer; Dieter et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | suitable for storage | | | |
| US 6453795 B1 | 20020924 | Locking mechanism for a spring-actuated device | 92/23 | 128/200.22; 222/340; 267/172; 604/135; 92/136 | Eicher; Joachim et al. |
| US 6402055 B1 | 20020611 | Device for producing high pressure in a fluid in miniature | 239/333 | 137/533; 137/533.17; 222/383.1; 222/385; 222/401; 239/349; 239/583 | Jaeger; Joachim et al. |
| US 6268025 B1 | 20010731 | Method of producing integrated electrodes in plastic dies, plastic dies containing integrated electrodes and application of the same | 427/581 | 427/123; 427/404 | Reinecke; Holger et al. |
| US 6251567 B1 | 20010626 | Process for manufacturing microstructured bodies | 430/325 | 250/492.2; 378/34; 430/967 | Reinecke; Holger et al. |
| US 6250508 B1 | 20010626 | Apparatus for withdrawing a liquid from a closed container | 222/189.1 | 222/464.2 | Geser; Johannes et al. |
| US 6223933 B1 | 20010501 | Pressure compensation device for a two-part container | 220/723 | 222/386.5 | Hochrainer; Dieter et al. |
| US 6176442 B1 | 20010123 | Device for mounting a component exposed to a pressurized fluid | 239/591 | 239/596; 239/602 | Eicher; Joachim et al. |
| US 6150418 A | 20001121 | Active substance concentrate with formoterol, suitable for | 514/630 | | Hochrainer; Dieter et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | storage | | | |
| US 6149054 A | 20001121 | Mechanical counter for a metering apparatus | 235/34 | 128/203.15; 235/1C | Cirrillo; Pasquale et al. |
| US 6132755 A | 20001017 | Transcorneal drug-release system | 424/427 | | Eicher; Joachim et al. |
| US 6007676 A | 19991228 | Atomizing nozzle and filter and spray generating device | 156/345.21 | 216/2 | Bartels; Frank et al. |
| US 6004633 A | 19991221 | Method of producing integrated electrodes in plastic dies, plastic dies containing integrated electrodes and application of the same | 427/581 | 427/123; 427/404 | Reinecke; Holger et al. |
| US 5964416 A | 19991012 | Device for producing high pressure in a fluid in miniature | 239/333 | 222/383.1; 222/402 | Jaeger; Joachim et al. |
| US 5947118 A | 19990907 | Capsule holder | 128/203.15 | 128/203.12; 128/203.21; 206/539 | Hochrainer; Dieter et al. |
| US 5915426 A | 19990629 | Apparatus and process for cleaning the outside of containers | 141/91 | 141/85; 141/89; 141/93; 15/345; 422/302 | Gupte; Arun R. et al. |
| US 5911851 A | 19990615 | Atomizing nozzle and filter and spray generating device | 156/345.21 | | Bartels; Frank et al. |
| US 5899365 A | 19990504 | Device for assisting manual actuation of an aerosol dispenser | 222/162 | 222/509 | Eichler; Gerd et al. |
| US 5833088 A | 19981110 | Container with closure cap and method of filling | 215/248 | 215/307; 215/354; 220/366.1; | Kladders; Heinrich et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | containers without gas bubbles | | 220/785 | |
| US 5818479 A | 19981006 | Nozzle plate for a liquid jet print head | 347/47 | | Reinecke; Holger et al. |
| US 5809646 A | 19980922 | Method of making a nozzle plate for a liquid jet print head | 29/890.1 | 216/27; 29/527.3; 29/527.5; 29/DIG.5; 347/47; 430/326 | Reinecke; Holger et al. |
| US 5716741 A | 19980210 | High-precision stepped microstructure bodies | 430/8 | 205/50 | Reinecke; Holger et al. |
| US 5676130 A | 19971014 | Separator for powdered inhalers | 128/203.19 | 128/200.14; 128/200.18; 128/203.15 | Gupte; Arun Rajaram et al. |
| US 5645050 A | 19970708 | Powder inhaler with powder carrier consisting of regular microstructures | 128/203.15 | 128/200.22; 128/203.12; 128/203.21; 604/58 | Zierenberg; Bernd et al. |
| US 5631303 A | 19970520 | Process for removing plastics from microstructures | 521/40.5 | 134/10; 134/38; 264/344 | Reinecke; Holger |
| US 5588597 A | 19961231 | Nozzle plate for a liquid jet print head | 239/553.5 | 347/47; 347/63 | Reinecke; Holger et al. |
| US 5575280 A | 19961119 | Powder inhalation device having nozzle to empty dosing chamber | 128/203.15 | 128/203.23 | Gupte; Arun R. et al. |
| US 5559309 A | 19960924 | Acceleration switch and method of fabrication | 200/61.45R | | Zabler; Erich et al. |
| US 5547094 A | 19960820 | Method for producing atomizing nozzle assemblies | 216/33 | 216/2; 216/52; 216/56 | Bartels; Frank et al. |
| US 5529681 A | 19960625 | Stepped mould inserts, high-precision stepped microstructure | 205/70 | 205/122 | Reinecke; Holger et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | bodies, and methods of producing the same | | | |
| US 5518865 A | 19960521 | Production of microstructure elements | 430/326 | 430/270.1; 430/908; 430/966; 430/967 | Hoessel; Peter et al. |
| US 5507281 A | 19960416 | Device for initiating a mechanical switching operation in synchronism with the breathing | 128/203.15 | 128/203.12; 128/203.23 | Kuhnel; Andreas et al. |
| US 5501784 A | 19960326 | Process for producing microstructure metallic elements | 205/67 | 205/70; 205/75; 205/78; 205/79 | Lessmollmann; Christoph et al. |
| US 5472143 A | 19951205 | Atomising nozzle and filter and spray generation device | 239/462 | 239/543; 239/544; 239/553 | Bartels; Frank et al. |
| US 4889114 A | 19891226 | Powdered pharmaceutical inhaler | 128/203.15 | 604/58 | Kladders; Heinrich |
| US 4783143 A | 19881108 | Method for suitably positioning light waveguides for coupling locations and for coupling elements in a light waveguide switch | 385/53 | 359/900; 385/68 | Eicher; Joachim et al. |
| US 4578264 A | 19860325 | Retard form of pharmaceuticals with insoluble porous diffusion coatings | 424/456 | 424/461; 424/462 | Stricker; Herbert et al. |
| US 4459279 A | 19840710 | Retard form of pharmaceuticals with insoluble porous diffusion coatings | 424/459 | 424/473; 424/480; 424/495 | Stricker; Herbert et al. |
| US 4361546 A | 19821130 | Retard form of pharmaceuticals | 424/478 | 424/459; 424/462; | Stricker; Herbert et al. |

| | | | | | |
|---|---|---|---|---|---|
| | | with insoluble porous diffusion coatings | | 424/480; 424/499 | |
| US 4350049 A | 19820921 | Device and process for drawing off very small quantities of powder | 73/864.51 | | Gupte; Arun R. et al. |